

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A lamp comprising:

a discharge vessel;

an outer envelope surrounding the discharge vessel and having a ceramic wall which encloses a discharge space filled with a filling comprising an inert gas, and an ionizable salt; and

two electrodes arranged in the discharge space having tips with a mutual interspacing so as to define a discharge path between the tips;

said ionizable salt consisting of NaI, TlI, CaI₂ and Xl₃, wherein X is selected from the group consisting of rare earth metals and a molar percentage ratio CaI₂/(NaI + TlI + CaI₂ + Xl₃) is greater than 45%.

2. (Previously presented) The lamp according to claim 1, wherein X is selected from the group consisting of Pr, Lu, Nd.

3. (Previously presented) The lamp according to claim 1, wherein X is Ce and wherein the molar percentage ratio CeI₃/(NaI + TlI + CaI₂ + CeI₃) lies between 0.5 and 7%.

4. (Currently Amended) The lamp according to claim 1, wherein X is Ce and wherein the molar percentage ratio CaI₂/(NaI + TlI + CaI₂ + CeI₃) lies between 35 and 85 is less than 90%.

5. (Currently Amended) The lamp according to claim 1, wherein the amount of NaI, TlI, CaI₂ and Xl_n Xl₃ lies between 0.025 and 0.3 g/cm³.

6. (Previously presented) The lamp according to claim 1, wherein the filling comprises Hg.

7 (Canceled)

8. (New) The lamp according to claim 3, wherein the molar percentage ratio $\text{CaI}_2/(\text{NaI} + \text{TlI} + \text{CaI}_2 + \text{CeI}_3)$ is less than 90%.

9. (New) The lamp according to claim 3, wherein the molar percentage ratio $\text{CaI}_2/(\text{NaI} + \text{TlI} + \text{CaI}_2 + \text{CeI}_3)$ is less than 80%.

10. (New) The lamp according to claim 4, wherein the molar percentage ratio $\text{CaI}_2/(\text{NaI} + \text{TlI} + \text{CaI}_2 + \text{CeI}_3)$ is less than 80%.

11. (New) The lamp according to claim 3, wherein the amount of NaI, TlI, CaI₂ and XI₃ lies between 0.025 and 0.3 g/cm³.

12. (New) The lamp according to claim 4, wherein the amount of NaI, TlI, CaI₂ and XI₃ lies between 0.025 and 0.3 g/cm³.

13. (New) The lamp according to claim 2, wherein the filling comprises Hg.

14. (New) The lamp according to claim 3, wherein the filling comprises Hg.

15. (New) The lamp according to claim 4, wherein the filling comprises Hg.

16. (New) The lamp according to claim 5, wherein the filling comprises Hg.

17. (New) The lamp according to claim 1, wherein a rated power of the lamp is 30W.

18. (New) The lamp according to claim 3, wherein a rated power of the lamp is 30W.
19. (New) The lamp according to claim 4, wherein a rated power of the lamp is 30W.
20. (New) The lamp according to claim 5, wherein a rated power of the lamp is 30W.
21. (New) The lamp according to claim 10, wherein a rated power of the lamp is 30W.